

Comparisons of Job Characteristics

Focus Occupation: [First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators \(53-1031\)](#)

Associated Occupation: [Traffic Technicians \(53-6041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 50

Focus Occupation: [First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators \(53-1031\)](#)
Associated Occupation: [Traffic Technicians \(53-6041\)](#)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	19.8	17.9	<	Expanded education and/or training may be required
Engineering and Technology	5.7	19.4	4.0	<<	Extensive education and/or training may be required
Design	5.2	17.6	3.0	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	17.0	12.0	<<	Extensive education and/or training may be required
Transportation	4.6	16.4	15.9	0	Current knowledge level may be sufficient
Computers and Electronics	8.4	16.0	10.6	<<	Extensive education and/or training may be required
Mathematics	9.2	15.2	10.8	<<	Extensive education and/or training may be required
Building and Construction	4.0	14.4	1.9	<<	Extensive education and/or training may be required
Law and Government	5.9	13.7	7.8	<<	Extensive education and/or training may be required
Administration and Management	8.4	12.6	15.3	>	Current knowledge level is likely sufficient
Telecommunications	3.9	10.4	4.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Traffic Technicians (53-6041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operations Analysis	5.0	9.7	6.9	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	9.7	8.9	0	Current skill level may be sufficient
Systems Evaluation	6.4	8.5	9.3	0	Current skill level may be sufficient
Science	4.5	8.3	1.6	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Traffic Technicians (53-6041)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Comprehension	12.5	12.2	13.7	>	Current ability level is likely sufficient
Oral Expression	12.4	12.0	14.0	>	Current ability level is likely sufficient
Written Comprehension	11.0	11.1	11.6	0	Current ability level may be sufficient
Deductive Reasoning	10.6	10.7	11.2	0	Current ability level may be sufficient
Inductive Reasoning	10.2	10.6	10.6	0	Current ability level may be sufficient
Problem Sensitivity	11.1	10.6	12.0	>	Current ability level is likely sufficient
Information Ordering	9.9	10.1	10.7	0	Current ability level may be sufficient
Speech Clarity	10.2	10.0	10.1	0	Current ability level may be sufficient
Spatial Orientation	2.7	5.6	4.4	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Traffic Technicians (53-6041)

Work Activities	Exclusivity of Activity
Compile numerical or statistical data	38
Maintain records, reports, or files	5

Perform safety inspections in transportation setting	62
Prepare reports	8
Read maps	42
Use weighing or measuring devices in transportation	82

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 45

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)
Associated Occupation: Traffic Technicians (53-6041)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Information exchange software	1
Personal communication devices	2
Power tools	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.